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Universal Approximation Theorem
Nash Embedding Theorems
word-embedding vector space

Axiom of Choice

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Turing Test AlphaGo dataset

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AlphaGo Zero 超human AlphaGo AlphaZero MuZero

SAE level 4

ready	Alphabet/Waymo	SAE level

4. SAE level 4 Alphabet/Waymo

Reward Is Enough reward reward reward Reward

SAE level 4

Universal Approximation Theorem Nash Embedding Theorems Word-embedding Vector Space

deep learning reinforcement learning

reward

Universal Approximation Theorem selfish gene

□ □

Deepmind AlphaGo Zero AlphaGo

3

4 Axiom of Choice

☐ 1) ☐ 2) ☐ 3) ☐ 4) ☐ 1) ☐ 2)

Human Brain Project “Brain” Brain Initiative

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Solyndra [arXiv](#)
[arXiv](#)

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1.

2.

3. Chaitin's constant

4. □□□□□□□□□□□□□□□□□□

5. 1 - 4

B. □□□□□□□□□□□□□□

6. Relevance theory

7.

8. Grigori Perelman – Poincaré conjecture

9. Demis Hassabis \square AlphaGo \square intuition \square intuition \square Demis Hassabis \square AlphaGo \square intuition \square AlphaGo \square a meta-solution to any problem \square

10. AlphaGo 超越 Nature 超human performance

C. □□□□□□□□□□□□□□□□

11. form

12. motif

13. 如何理解“truth”和truth之间的关系？

14. 如何理解 The Selfish Gene 和 The Immortal Gene 之间的关系？

15. 如何理解 Freeman Dyson 的 Birds and Frogs 和 birds 和 frogs 之间的关系？

16. 如何理解 Austrian School of Economics 和奥地利学派之间的关系？

17. 如何理解 selfish gene 和自私基因之间的关系？

D. 如何理解：

18. 如何理解：

19. 如何理解：

20. 如何理解“真理”和“真理”之间的关系？

21. 如何理解 Turing Machine 和 deterministic, probabilistic, etc. 之间的关系？

22. 如何理解 Turing Test 和 SAE level 4 和 level 5 之间的关系？

23. 如何理解 word-embedding vector space 和 encoder-decoder, attention, transformer, BERT 之间的关系？

24. 如何理解 deep-learning 和 deep residual networks 和 generative adversarial networks, etc. 之间的关系？

25. 如何理解 Universal Approximation Theorem 和 overfitting 和 underfitting 和 chaos phenomena 之间的关系？

26. 如何理解 reward 和 Reward Is Enough 之间的关系？

27. 如何理解 selfish gene 和自私基因之间的关系？

28. _____

E. _____:

29. _____ O.J.Simpson _____

30. _____ reward _____

_____ Freeman Dyson _____

_____“_____”_____

_____ AlphaGo _____ Nature _____
_____ SAE level 5 _____ SAE level 4 _____

_____ The Selfish Gene _____

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Softbank Aldebaran Robotics Pepper Google X Softbank Hyundai Boston Dynamics

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context game regulated
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[illegible]

passion

[illegible]

metaphysics

Avi Loeb civilization independent of its host star B civilization independent of its host star when the sun will die

B civilization

Avi Loeb B civilization B civilization B civilization

Independent of its host star independent of its host star

independent of its host star B civilization

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people people